

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the captioned patent application:

Listing of Claims:

1. (Original) A battery comprising:

a first cathode operable to electrochemically reduce oxygen to produce hydroxide ions; a positive contact electrically connected to the first cathode to allow electrons to flow to the cathode;

means to allow air into the battery to provide oxygen for reduction at the first cathode;

an anode operable to receive hydroxide ions and undergo oxidation to produce electrons;

a negative contact electrically connected to the anode to allow electrons to flow from the anode; and

a first separator between the first cathode and the anode;

wherein the battery further comprises a second cathode operable to electrochemically reduce oxygen to produce hydroxide ions, the second cathode being electrically connected to a second positive contact which allows electrons to flow to the second cathode, wherein the second cathode is situated proximal to the negative contact and proximal to the anode, wherein the battery comprises means to allow air into the battery to provide oxygen for reduction at the second cathode, and wherein the battery comprises a second separator between the second cathode and the anode.

2. (Currently Amended) The battery of claim 1 wherein the first and second cathodes comprise ~~eatalysed~~ catalyzed carbon.

3. (Original) The battery of claim 1 wherein the anode comprises zinc.

4. (Currently Amended) The battery of claim 3 wherein the zinc is provided in a gelled mixture of zinc powder and potassium hydroxide (KOH) electrolyte. ~~KOH electrolyte.~~

5. (Previously Presented) The battery of claim 1 wherein the battery is a button battery.
6. (Original) The battery of claim 5 wherein a casing of the button battery is formed by the positive contact and the negative contact together with an insulating gasket.
7. (Original) The battery of claim 6 wherein the negative contact comprises the lid of the battery casing, side portions of the lid being positioned within a can defined by the positive contact, the positive contact and the negative contact being electrically insulated from each other by the gasket lining the inside of the can.
8. (Previously Presented) The battery of claim 6 wherein the means to allow air into the battery to provide oxygen for reduction at the first cathode comprises at least one hole through the positive contact.
9. (Original) The battery of claim 8 wherein an air distribution membrane is provided across the at least one hole.
10. (Previously Presented) The battery of claim 6 wherein the means to allow air into the battery to provide oxygen for reduction at the second cathode comprises at least one hole in the negative contact of the button battery.
11. (Original) The battery of claim 10 wherein an air distribution membrane is provided across the at least one hole in the negative contact of the button battery.
12. (Previously Presented) The battery of claim 6 wherein the second positive contact is situated within the battery casing, extends from the first cathode to the second cathode, and is insulated from the anode and the negative lid.

13. (Withdrawn) The battery of claim 6 wherein the button battery comprises first and second positive lids joined by a crimp seal on both facing sides of the button cell via electrically insulating grommets to a negative ring.

14. (Previously Presented) The battery of claim 6 wherein the means to allow air into the battery to provide oxygen for reduction at the first cathode comprises at least one hole through the first positive lid.

15. (Original) The battery of claim 14 wherein an air distribution membrane is provided across the at least one hole.

16. (Withdrawn) The battery of claim 13 wherein the means to allow air into the battery to provide oxygen for reduction at the second cathode comprises at least one hole in the second positive lid of the button battery.

17. (Withdrawn) The battery of claim 16 wherein an air distribution membrane is provided across the at least one hole in the second positive lid of the button battery.

18. (Previously Presented) The battery of claim 1 further comprising means to prevent entry of air carrying oxygen into the battery to either of the first or second cathodes, prior to commencement of use of the battery.

19. (Original) The battery of claim 18 wherein adhesive tabs are used to seal the battery casing.

20. (Original) The battery of claim 19 wherein the adhesive tabs comprise adhesive metal-polymer laminates.

21. (Previously Presented) The battery of claim 1 wherein the first and second separators prevent migration of solid particles between the first and second cathodes and the anode.

22. (Previously Presented) The battery of claim 1 wherein the battery further comprises an electrically conductive yet electrochemically inactive backbone electrode.

23-52. (Cancelled)